

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 63335(52650)
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/533,107
INTERNATIONAL APPLICATION NO. PCT/JP2003/013902	INTERNATIONAL FILING DATE 30 October 2003	PRIORITY DATE CLAIMED 1 November 2002
TITLE OF INVENTION MICROSYSTEM, MICROOPENING FILM, AND SYSTEM AND METHOD FOR ANALYZING INTERACTION BETWEEN BIOMOLECULES		
APPLICANT(S) FOR DO/EO/US Takashi Funatsu et al.		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ A Combined Declaration and Power of Attorney (PTC 1391)
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98 and cited references.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Return Receipt Postcard


Rec'd PCT/PTO 20 JUL 2005

PTO-1390 (Rev. 02-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/533,107</b>		INTERNATIONAL APPLICATION NO. <b>PCT/JP2003/013902</b>		ATTORNEY'S DOCKET NUMBER <b>63335(52650)</b>	
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input type="checkbox"/> Basic national fee .....\$300				\$	
22. <input type="checkbox"/> Examination fee					
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....\$100					
All other situations .....\$200				\$	
23. <input type="checkbox"/> Search fee					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....\$100					
International Search Report prepared and provided to the Office .....\$400					
All other situations .....\$500				\$	
<b>TOTAL OF 21, 22 and 23 =</b>				\$	<b>0.00</b>
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	- 20 =		x	\$	
Independent claims	- 3 =		x	\$	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)				\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	<b>0.00</b>
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	<b>0.00</b>
<b>SUBTOTAL =</b>				\$	<b>0.00</b>
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). ***Note: previously paid.				\$	
<b>TOTAL NATIONAL FEE =</b>				\$	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	<b>40.00</b>
<b>TOTAL FEES ENCLOSED =</b>				\$	
				Amount to be refunded:	\$
				Amount to be charged:	<b>\$40.00</b>
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>04-1105</u> in the amount of \$ <u>40.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>04-1105</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Margaret J. McLaren, Ph.D., Esq. EDWARDS &amp; ANGELL, LLP P.O. Box 55874 Boston, Massachusetts 02205 (954) 667-6148 CUSTOMER NUMBER: 21874</p> <p style="text-align: right;">               SIGNATURE:              Margaret J. McLaren, Ph.D., Esq.              NAME                53,303              REGISTRATION NUMBER           </p>					

07/25/2005 CFREY1 00000131 041105 10523102

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Application No. (if known): 10/533,107

Attorney Docket No.: 63335(52650)

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 264183718 US in an envelope addressed to:

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*M J McLaren*

Signature

Margaret J. McLaren, Ph.D., Esq.

Typed or printed name of person signing Certificate

53,303

Registration Number, if applicable

(954) 667-6148

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office (2 pages)  
English language translation of the International Application (56 pages)  
Formal Drawings of Figures 1-36 in English (26 sheets)  
Combined Declaration and Power of Attorney (3 pages)  
Assignment (1 page)  
Assignment Recordation Cover Sheet (1 page)  
Charge \$40.00 to deposit account 04-1105